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DOCKET NO.: CARP-0120 / P038260US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Stephen Ray

Application No.: 10/563,897 ✓

Filing Date: June 8, 2006

For: METHOD OF ALTERING CELL PROPERTIES BY ADMINISTERING RNA

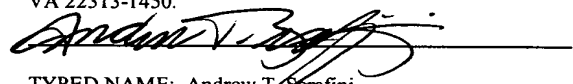
Confirmation No.: 7221

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Examiner: Not Yet Assigned

DATE OF DEPOSIT: October 17, 2006

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TYPED NAME: Andrew T. Serafini  
REGISTRATION NO.: 41,303

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

- ☐ Certification in Accordance with § 1.97(e) is attached; or
- ☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers 4 - 113 listed on the attached Form PTO-1449 are enclosed herewith.

- ☒ Copies of reference numbers 1 - 3 on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

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**PATENT**

☐ The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: October 17, 2006

  
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**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

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**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	1	4,399,216	08/16/83	Axel et al.	435	6
	2	4,957,735	10/18/90	Huang	424	178.1
	3	2001/001066	05/10/01	Cezayirli et al.	435	325

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### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	4	WO 95/12665	05/11/95	PCT	X	
	5	WO 01/00650	01/04/01	PCT	X	
	6	WO 02/24873	03/28/02	PCT	X	

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<b>NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	7	Aksenova, N.N. et al., "Influence of Ribonucleic Acids from the Liver on Implantation and Growth of Transplantable Tumours," <i>Nature</i> , <b>1962</b> , 169, 443-444	
	8	Archer, S.J., "Induction of a T-cell specific antigen on bone marrow lymphocytes with thymus RNA," <i>Immunology</i> , <b>1978</b> , 34, 123-129	
	9	Babich F.R. et al., "Cross-species transfer of learning: effect of ribonucleic acid from hamsters on rat behavior," <i>PNAS</i> , <b>1965</b> , 54, 1299-1302	
	10	Bagnall et al., "Rat strain Differences on performance in the Morris water maze," <i>Animal Technology</i> , <b>1999</b> , 50(2), 69-77	
	11	Beljanski et al., "Iron-stimulated RNA-dependent DNA polymerase activity from goldfish eggs," <i>Cellular and Molecular Biology</i> , <b>1988</b> , 34(1), 17-25	
	12	Bertolini, "Fractionation of immune RNA isolated from the spleens of mice infected with <i>Trypanosoma cruzi</i> ," <i>J. Infect. Dis.</i> , <b>1981</b> , 143(6), 827-31	
	13	Bertolini, "In vitro effect of the 18S immune RNA on macrophage resistance to <i>Trypanosoma cruzi</i> ," <i>Cell Mol. Biol.</i> , <b>1986</b> , 32(2), 167-71	
	14	Bertolini, "The protective effect of the 4-5S immune RNA against <i>Trypanosoma cruzi</i> infection in mice," <i>Trop. Med. Paritol.</i> , <b>1985</b> , 36(3), 131-4	
	15	Black, D.D. et al., "Similarity of the Transfer Factors in Novikoff Ascites Tumor and Other Amino Acid-Incorporating Systems," <i>Cancer Research</i> , <b>1970</b> , 30, 1281-1286	
	16	Dai et al., "Introduction of Human Erythropoietin Receptor Complementary DNA by Retrovirus-Mediated Gene Transfer into Murine Embryonic Stem Cells Enhances Erythropoiesis in Developing Embryoid Bodies," <i>Biol Blood Marrow Transplant</i> , <b>2000</b> , 6(4), 395-407	
	17	Davidson, E.H., "An Analysis of Niu Menchang's Research on Transformation by RNA," <i>Biotechnology in China</i> , <b>1989</b> , 92-102	
	18	De Carvalho, S. et al., "Biologic Properties of Human Leukemic and Tumoral RNA IV. Leukemia and Neoplasms Induced in Mice with Human Leukemic RNA Carried in Tissue Culture," <i>J. Lab &amp; Clin. Med.</i> , <b>1960</b> , 55, 706-714	
	19	De Carvalho, S. et al., "Comparative Effects of Liver and Tumour Ribonucleic Acids on the Normal Liver and the Novikoff Hepatomoma Cells of the Rat," <i>Nature</i> , <b>1961</b> , 189, 815-817	
	20	De Carvalho, S. et al., "Differences in Information Content of Ribonucleic Acids from Malignant Tissues and Homologous Organs as Expressed by their Biological Activities," <i>Experimental &amp; Molecular Pathology</i> , <b>1962</b> , 1, 96-103	

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<b>NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	21	De Carvalho, S., "Angiokines, Angiogenesis and Angiolymphoproliferative Syndromes (ALPS)," <i>Angiology</i> , <b>1983</b> , 231-243	
	22	De Carvalho, S., "Biologic Properties of Human Leukemic and Tumoral RNA; III. The Effect of Different media on the Cytopathogenicity in Tissue Culture," <i>J. Lab &amp; Clin. Med.</i> , <b>1960</b> , 55, 694-705	
	23	De Carvalho, S., "Cancer 1974: An Analytical Vademecum of Oncological Relevance," <i>Oncology</i> , <b>1973</b> , 28, 289-298	
	24	De Carvalho, S., "Cytopathogenicity of RNA-Rich Particles from Human Leukemic and Tumor Cells for Primary Cultures of Human Amniotic Cells," <b>1959</b> , 329-337	
	25	De Carvalho, S., "Effect of RNA from Normal Human Bone Marrow on Leukaemic Marro <i>in vivo</i> ," <i>Nature</i> , <b>1963</b> , 197, 1077-1080	
	26	De Carvalho, S., "Epigenetic transformation by RNA from human neoplastic cells," <i>Oncology</i> , <b>1973</b> , 27, 3-29	
	27	De Carvalho, S., " <i>In vitro</i> angiogenic activity of RNA from leukaemic lymphocytes," <i>Belmont Medical Clinic, 19<sup>th</sup> Annual Meeting of American College of Angiology</i> , <b>1978</b> , 497-505	
	28	De Carvalho, S., "Natural History of Congenital Leukemia," <i>Oncology</i> , <b>1973</b> , 27, 52-63	
	29	De Lucca, F.L. et al., "Effect of the calcium phosphate mediated RNA uptake on the transfer of cellular immunity of a synthetic peptide of HIV-1 to human lymphocytes by exogenous RNA," <i>Mol. Cell Biochem.</i> , <b>2001</b> , 228(1-2), 9-14	
	30	Dingman, W. et al., "Molecular theories of memory," <i>Science</i> , <b>1964</b> , 144, 26-29	
	31	Eposito, S., "Effect on Leukaemic Cells of Ribonucleic Acid Extracted from Calf's Spleen," <i>Nature</i> , <b>1964</b> , 203, 1078-9	
	32	Fandrich, F. et al., "Preimplantation-stage stem cells induce long term allogeneic graft acceptance without supplementary host conditioning," <i>Nature Medicine</i> , <b>2002</b> , 8, 171-178	
	33	Felgner et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," <i>Proc. Nat. Acad. Sci.</i> , <b>1987</b> , 84, 7413-7417	
	34	Fishman, "In vitro transfer of macrophage RNA to lymph node cells," <i>Nature</i> , <b>1963</b> , 198, 549-551	
	35	Frank, B. et al., "Interanimal 'memory' transfer: results from brain and liver homogenates," <i>Science</i> , <b>1970</b> , 169(943), 399-402	

EXAMINER	DATE CONSIDERED
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<b>NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	36	Graham et al., "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA," <i>Virology</i> , 1973, 52, 456-467	
	37	Griffin, A.C. et al., "Nucleic Acid Effects upon Novikoff Ascites Tumour Cells," 1962, 111	
	38	Hakelien AM et al., "Reporgramming fibrblasts to express T-cell functions using cell extracts," <i>Nature Biotechnology</i> , 2002, 20(5), 460-466	
	39	Hakelien AM et al., "Novel approaches to transdifferentiation," <i>Cloning and Stem Cells</i> , 2002, 4(4), 379-387	
	40	Harel, J., "Action of polyribonucleotides, extracted by the phenol method, on the growth of mouse tumor cells," <i>C.R. Hebd Seances Acad. Sci.</i> , 1962, 254, 4390-2 (English abstract attached)	
	41	Hays, E.F. et al., "Induction of mouse leukaemia with purified nucleic acid preparations," <i>Nature</i> , 1957, 180(4599), 1419-20	
	42	Hess, M. et al., "The effects of nucleic acids on pituitary ACTH content," <i>Endocrinology</i> , 1961, 68, 548-552	
	43	Hillman, "Chick Cephalogenesis; I. The Effect of RNA on Early Cephalic Development," <i>PNAS</i> , 1963, 50, 486-493	
	44	Jones, P.C.T., "An Alteration in Cell Morphology under the Influence of Tumor RNA," <i>Nature</i> , 1964, 202, 1226-1227	
	45	Karande, A.A., "In vitro induction of chronic myeloid leukemia associated immune reactivity in normal human lymphocytes by xenogeneic immune RNA," <i>Neoplasma</i> , 1983, 30(4), 403-9	
	46	Keown et al., "Methods for Introducing DNA into Mammalian Cells," <i>Methods in Enzymology</i> , 1990, 185, 527-537	
	47	Khullar, N. et al., "Comparative evaluation of the protective effect of immune spleen cells and immune RNA against <i>Plasmodium berghei</i> ," <i>Ann. Trop. Med. Parasitol.</i> , 1988, 82(6), 519-26	
	48	Kirby, K.S., "A New Method for the Isolation of Ribonucleic Acids from Mammalian Tissues," <i>J. Biochem.</i> , 1956, 64, 405	
	49	Kirshenbaum et al., "Designing polymers that mimic biomolecules," <i>Curr Opin Struct Biol</i> , 1999, 9, 530-5	
	50	Lacour, F. et al., "Transplantable malignant tumors in mice induced by preparations containing ribonucleic acid extracted from human and mouse tumors," <i>J. Nat'l Cancer Inst.</i> , 1960, 24, 301-27	

EXAMINER

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<b>NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	51	Latarjet, R., "Production of multiple cancers in mice having received nucleic acid extract from isologous & homologous leukemic tissues," <i>C.R. Hebd Seances Acad. Sci.</i> , <b>1958</b> , (FRENCH) 246(5), 853-5 (English abstract attached)	
	52	Magee, W.E. et al., "Marked stimulation of lymphocyte-mediated attack on tumor cells by target-directed liposomes containing immune RNA," <i>Cancer Res.</i> , <b>1978</b> , 38(4), 1173-6	
	53	Mannick, J.A. et al., "Transformation of Nonimmune Lymph Node Cells to State of Transplantation Immunity by RNA, A Preliminary Report," <i>Ann. Surg.</i> , <b>1962</b> , 156, 356-66	
	54	Mansour et al., "Functional Studies with Uterine RNA," <i>PNAS</i> , <b>1965</b> , 53, 764-770	
	55	Mansour et al., "Disruption of the proto-oncogene <i>int-2</i> in mouse embryo-derived stem-cells: a general strategy for targeting mutations to non-selectable genes," <i>Nature</i> , <b>1988</b> , 336, 348-352	
	56	McLean, "Membrane differentiation of cardiac myoblast induced in vitro by and RNA enriched fraction from adult heart," <i>Exp. Cell Res.</i> , <b>1977</b> , 110, 14	
	57	Mishara, N.C. et al., "Induction by RNA of inositol independence in <i>Neurospora crassa</i> ," <i>Proc. Nat'l Acad. Sci. U.S.A.</i> , <b>1975</b> , 72(2), 642-5	
	58	Nakamura, K. et al., "A model for the autosensitization autoantibody production associated with xenogeneic thymic RNA," <i>J. Immunol.</i> , <b>1978</b> , 121, 702-9	
	59	Nakamura, K. et al., "Antigen Restricted Hybridization Between Antigen Primed Macrophage and Thymic RNA," <i>Immunol. Commun.</i> , <b>1981</b> , 10(4-5), 376-382	
	60	Nakamura, K. et al., "Conversion of immune response patterns from high to low and low to high by an RNase-sensitive thymocyte extract," <i>Immunology</i> , <b>1980</b> , 41(1), 25-35	
	61	Nakamura, K. et al., "Generation of anti-NZB red blood cell antibody-forming plasma cells from bone marrow cultures of syngeneic and allogeneic mice: functional modulation of helper T-cell subsets in autosensitization," <i>Immunology</i> , <b>1983</b> , 48(3), 579-86	
	62	Nakamura, K. et al., "Intranuclear incorporation of thymic low molecular weight RNA by murine bone marrow immunoblasts and inhibition of plasma cell formation by a derivative rifampicin," <i>Microbiol. Immunol.</i> , <b>1982</b> , 26(1), 41-57	
	63	Nakamura, K. et al., "Mechanism of anti-DNA antibody formation, The functional modulation of helper T-subset plays the key role in both murine and human B-cell autosensitization," <i>Microbiol. Immunol.</i> , <b>1986</b> , 30(7), 703-15	
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	64	Nakamura, K. et al., "The proliferation of plasma cells from mouse bone marrow in vitro; III. Primary and secondary immune responses associated with thymic RNA," <i>Immunol. Commun.</i> , <b>1979</b> , 8(5-6), 511-29	
	65	Nakamura, K., "The Proliferation of Plasma Cells from Mouse Bone Marrow <i>in Vitro</i> ; II. Stimulation of IgG-Producing Cells by and RNase-Sensitive Thymocyte Homogenate," <i>Cellular Immunology</i> , <b>1976</b> , 25, 163-177	
	66	Nakamura, O. et al., "Abstract: The Role of Immune RNA in the Immunotherapy of Malignant Brain Tumour," <b>1982</b> , 34(2), 333-339	
	67	Nikolin, V.P. et al., "Resistance of Mice Exposed to Whole-Body Irradiation to Transplanted Hemopoietic Cells Modified with RNA Preparations," <i>Bull. Exp. Biol. Med.</i> , <b>2000</b> , 129, 5571-574	
	68	Niu, M.C. et al., "Genetic Manipulation in Higher Organisms; III. Detection of Soya Protein in Seeds Derived from Soya mRNA-Treated Rice," <i>Scientia Sinica</i> , <b>1980</b> , 23, 119-123	
	69	Niu, M.C. et al., "The Developmental Potentiality of the Liver-RNA-Treated the Posterior Primitive Streak in the Chick Embryo," <i>Biol. Bull.</i> , <b>1968</b> , 135, 200-207	
	70	Niu, M.C. et al., "The Entrance of Exogenous RNA in Mouse Ascite Cell," <i>Proc. Soc. Exp. Biol. Med.</i> , <b>1968</b> , 128(2), 550-5	
	71	Niu, M.C., "Antagonistic Action of Exogenous Histone and RNA in Mouse Ascites Cells," <i>Proc. Soc. Exp. Biol. Med.</i> , <b>1972</b> , 140, 256-262	
	72	Niu, M.C., "Causal Analysis of Embryonic Differentiation; I. Responsiveness of Presumptive Ectoderm as a Regulating Factor in RNA Function," <i>Exp. Cell Res.</i> , <b>1971</b> , 64, 57-64	
	73	Niu, M.C., "Causal Analysis of Embryonic Differentiation; II. Dual Function of Exogenous RNA in differentiation of Presumptive Ectoderm," <i>Exp. Cell Res.</i> , <b>1971</b> , 64, 65-76	
	74	Niu, M.C., "Current Evidence Concerning Chemical Inducers," Evolution of Nervous Control from Primitive Organisms, <b>1959</b> , 7-30	
	75	Niu, M.C., "Functional Potentiality of Ribonucleic Acid," <i>Acts Unio. Int. Contra. Cancrum, third meeting Philadelphia</i> , <b>1964</b> , 20, 995-996	
	76	Niu, M.C., "Genetic manipulation in higher organisms; I. Goldfish ova as materials of operation, mRNA mediated alteration of the liver specific isozymes," <i>Scientia Sinica</i> , <b>1977</b> , 20(6), 803-808	

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	77	Niu, M.C., "Glucose-6-Phosphate: Re-examination of the RNA-Induced Activity in Mouse Ascites Tumor Cells," <i>Science</i> , <b>1965</b> , 148, 513-516	
	78	Niu, M.C., "Mode of Action of the Exogenous Ribonucleic Acid in Cell Function," <i>Nat'l Cancer Inst. Monogr.</i> , <b>1964</b> , 13, 167-177	
	79	Niu, M.C., "VII. New Approaches to the Problem of Embryonic Induction," <i>Cellular Mechanisms, Differentiation and Growth</i> , <b>1956</b> , 155-171	
	80	Niu, M.C., "Poly(A)-attached RNA as Activator in Embryonic Differentiation," <i>Proc. Soc. Exp. Biol. Med.</i> , <b>1974</b> , 147, 318-322	
	81	Niu, M.C., "Presence of liver-forming fraction in fish egg mRNAs detected by its ability to encode albumin synthesis," <i>Scientia Sinica</i> , <b>1980</b> , 23(4), 510-6	
	82	Niu, M.C., "Re-examination of the DNA-mediated transformation in goldfish," <i>Scientia Sinica</i> , <b>1983</b> , 24(7), 700-707	
	83	Niu, M.C., "Ribonucleic Acid Induced Changes in Mammalian Cells," <i>PNAS</i> , <b>1961</b> , 47, 1689-1700	
	84	Niu, M.C., "RNA-Induced Biosynthesis of Specific Enzymes," <i>PNAS</i> , <b>1962</b> , 48, 1964-1969	
	85	Niu, M.C., "The Development of Tubular heart in RNA-Treated Post-Nodal pieces of Chick Blastoderm," <i>J. Embryol. Exp. Morphol.</i> , <b>1973</b> , 29, 485-501	
	86	Niu, M.C., "The Effect of mRNA on Nuclear Activity in Developing Systems," <b>1980</b> , 415-433	
	87	Niu, M.C., "The role of Exogenous Heart-RNA in Development of the Chick Embryo Cultivated <i>In Vitro</i> ," <i>J. Embryol. Exp. Morphol.</i> , <b>1970</b> , 64, 57-64	
	88	Niu, M.C., "Thymus Ribonucleic Acid and Embryonic Differentiation," <i>PNAS</i> , <b>1958</b> , 44, 1264-1274	
	89	Niu, M.C., "Transfer of information from mRNA to chromosomes by reverse transcription in early development of goldfish eggs," <i>Cellular and Molecular Biology</i> , <b>1989</b> , 35(3), 333-345	
	90	O'Neal, M.A., "Effects of Liver Ribonucleic Acid Preparations on Novikoff Hepatoma Cells," <b>1962</b> (abstract only)	
	91	Odens, M., "Prolongation of the Life Span of Rats," <i>Journal of the American Geriatrics Soc.</i> , <b>1973</b> , 11(10), 450-451	
	92	Owen, M. et al., "Stromal stem cells: marrow derived osteogenic precursors," <i>CIBA Foundation Symposium</i> , <b>1988</b> , 136, 42-60	

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DATE CONSIDERED

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	93	Passos, G.A. Jr. et al., "In vivo induction of immunological memory to human tumor extract with poly(A)-containing immune RNA," <i>Cell Mol. Biol.</i> , <b>1988</b> , 34(2), 157-64	
	94	Preisler, H. et al., "Sensitization in vitro to murine myeloblastic leukemia cells by xenogeneic immune RNA," <i>J. Nat'l Cancer Inst.</i> , <b>1979</b> , 62(1), 133-7	
	95	Raff, M., "Adult Stem Cell Plasticity: fact or artifact?" <i>Annual Review of Cell and Developmental Biology</i> , <b>2003</b> , 19, 1-22	
	96	Rascati, R.J.J.A. et al., "Characterization of Fv-1 gene-product-mediated resistance transfer," <i>Interviology</i> , <b>1981</b> , 15(2), 87-96	
	97	Reynolds, B.A. et al., "Generation of Neurons and Astrocytes from Isolated Cells of the Adult Mammalian Central Nervous System," <i>Science</i> , <b>1992</b> , 255, 1707-1710	
	98	Ruhnke, M. et al., "Long-Term Culture and Differentiation of Rat Embryonic Stem Cell-Like Cells into Neuronal, Glial, Endothelial and Hepatic Lineages," <i>Stem Cells</i> , <b>2003</b> , 21(4), 428-436	
	99	Saito, K.T. et al., "Cell participation in immune response by immune ribonucleic acid; I. The role of T lymphocytes in immune response by immune RNA against T-dependent antigens," <i>Immunology</i> , <b>1980</b> , 41(4), 917-45	
	100	Sanyal et al., "Effects of RNA on the Development Potentiality of the Posterior Primitive Streak of the Chick Blastoderm," <i>PNAS</i> , <b>1966</b> , 55, 743-750	
	101	Satz et al., "Mechanism of immune transfer by RNA extracts; Immune RNA induces the synthesis of idiotype-bearing antigen receptors in noncommitted cells," <i>Mol. Cell Biochem.</i> , <b>1980</b> , 33(3), 105-13	
	102	Serrate, S. et al., "Transfer of cellular immunity <i>in vivo</i> with immune RNA in an allogeneic murine model," <i>Clin. Immunol Immunopathol.</i> , <b>1982</b> , 22(1), 75-82	
	103	Tada, et al., "Nuclear reprogramming of somatic cells by in vitro hybridization wit ES cells," <i>Curr Biol.</i> , <b>2001</b> , 11(19), 1553-8	
	104	Tung, T.C. et al., "Nucleic Acid-Induced Transformation in Goldfish," <i>Scientia Sinica</i> , <b>1973</b> , 16, 377-384	
	105	Tung, T.C. et al., "Organ formation caused by nucleic acid from different class; Urodele DNA mediated balancer formation in goldfish," <i>Scientia Sinica</i> , <b>1977</b> , 20(1), 56-8	
	106	Tung, T.C. et al., "The Effect of Carp EGG-mRNA on the Transformation of Goldfish Tail," <i>Scientia Sinica</i> , <b>1977</b> , 20(1), 59-63	
	107	Tung, T.C. et al., "Transmission of nucleic acid-induced character, caudal fin, to the offspring in goldfish," <i>Scientia Sinica</i> , <b>1975</b> , 18(2), 223-232	

EXAMINER

DATE CONSIDERED

<b>Form PTO-1449 Modified</b>		Docket No. CARP-0120 / P038260US	Application No. 10/563,897
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Stephen Ray	
U.S. Department of Commerce Patent and Trademark Office		Filing Date June 8, 2006	Group Not Yet Assigned
		Confirmation No. 7221	
<b>NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	108	Villem, D.B., "Ribonucleic acid: control of steroid synthesis in endocrine tissue," <i>Science</i> , 1976, 158, 652-653	
	109	Viza, D.C. et al., "Human lymphoblastoid cells in culture replicate immune information carried by xenogeneic RNA," <i>Differentiation</i> , 1978, 11(3), 181-4	
	110	Wang, B.S., "Fractionation of immune RNA capable of transferring tumor-specific cellular cytotoxicity," <i>Cell Immunol.</i> , 1978, 37(2), 358-68	
	111	Weisberger, A.S., "Induction of Altered Globin Synthesis in Human Immature Erythrocytes Incubated with Ribonucleoprotein," <i>PNAS</i> , 1962, 48, 68-80	
	112	Wurm et al., "Suppression of melanoma development and regression of melanoma in xiphophore fish after treatment with immune RNA," <i>Cancer Res.</i> , 1981, 41, 3377-83	
	113	Yang, S.F. et al., "Albumin synthesis in mouse uterus in response to liver mRNA," <i>PNAS</i> , 1977, 74, 1894-1898	

EXAMINER	DATE CONSIDERED
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